

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090722\
 Data File : BP011650.D
 Acq On : 07 Sep 2022 16:22
 Operator : CG/JU
 Sample : N4501-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-12-COMP

Quant Time: Sep 08 04:06:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 03 04:07:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

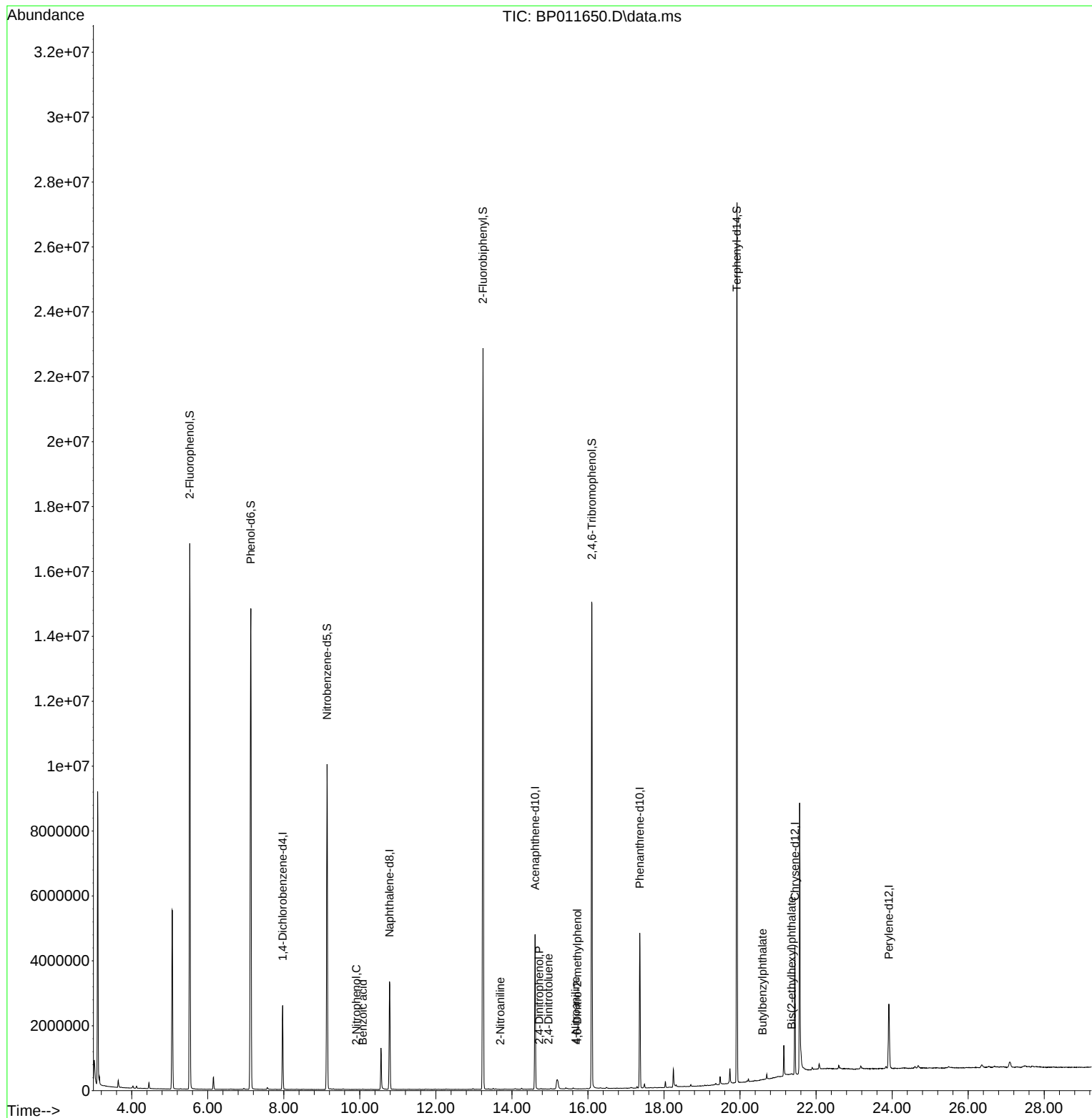
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	703377	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	2850811	20.000	ng	#-0.01
39) Acenaphthene-d10	14.610	164	1575810	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	2848792	20.000	ng	# 0.00
76) Chrysene-d12	21.445	240	1889345	20.000	ng	0.00
86) Perylene-d12	23.915	264	1482007	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	7862620	197.701	ng	0.00
7) Phenol-d6	7.134	99	9980766	189.660	ng	0.00
23) Nitrobenzene-d5	9.140	82	5867710	126.344	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	2903588	163.084	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	12216186	110.858	ng	0.00
79) Terphenyl-d14	19.916	244	12099591	134.134	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.910	139	46	4.892	ng	# 1
32) Benzoic acid	10.081	122	198	8.605	ng	# 1
48) 2-Nitroaniline	13.692	65	273	3.413	ng	# 57
54) 2,4-Dinitrophenol	14.716	184	44	6.456	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	260	3.651	ng	# 71
62) 4-Nitroaniline	15.681	138	214	2.652	ng	# 67
65) 4,6-Dinitro-2-methylph...	15.722	198	11	7.890	ng	# 1
80) Butylbenzylphthalate	20.592	149	3421	3.774	ng	93
84) Bis(2-ethylhexyl)phtha...	21.357	149	10491	2.030	ng	94

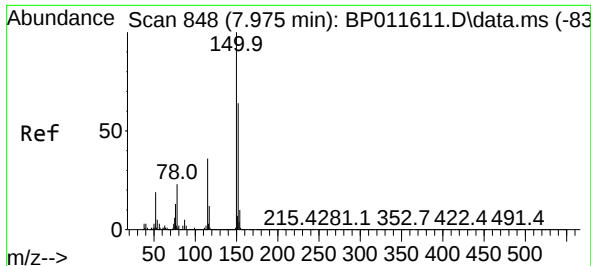
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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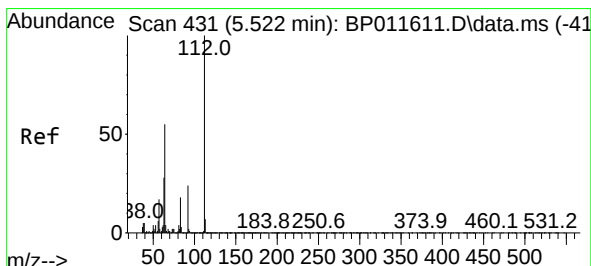
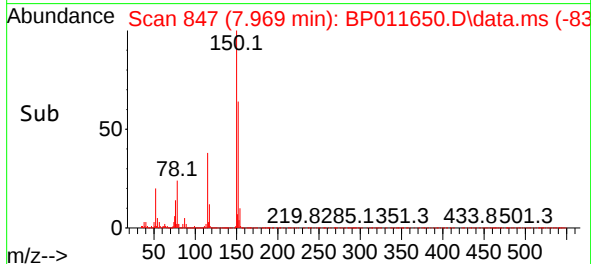
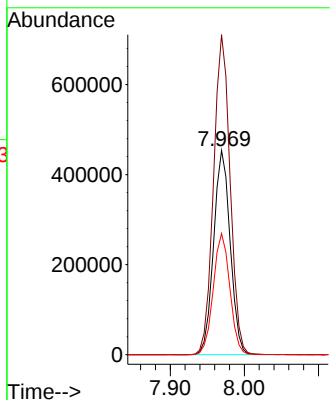
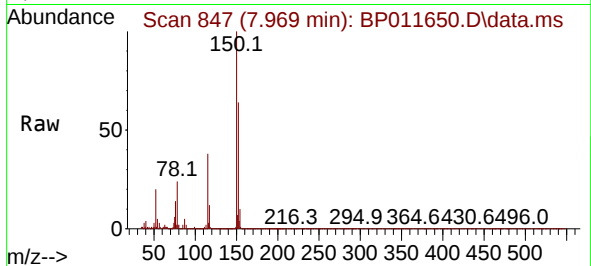




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

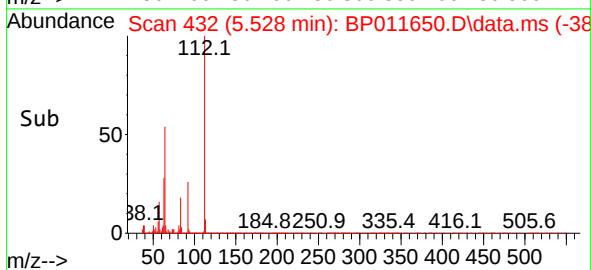
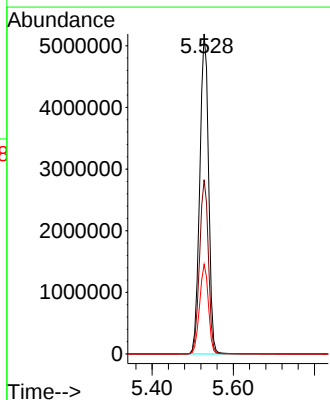
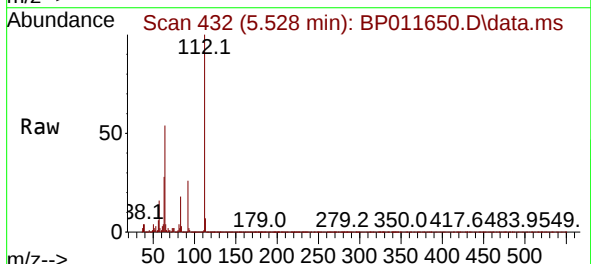
Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

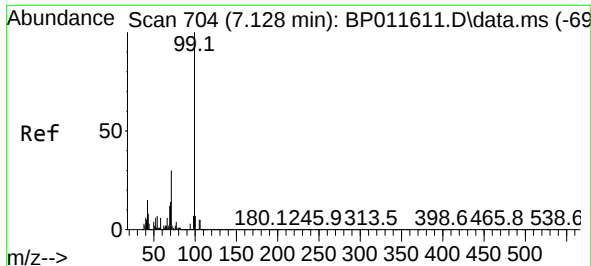
Tgt Ion:152 Resp: 703377
Ion Ratio Lower Upper
152 100
150 156.6 123.4 185.2
115 59.3 51.3 76.9



#5
2-Fluorophenol
Concen: 197.701 ng
RT: 5.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

Tgt Ion:112 Resp: 7862620
Ion Ratio Lower Upper
112 100
64 54.5 56.9 85.3#
63 28.0 31.2 46.8#

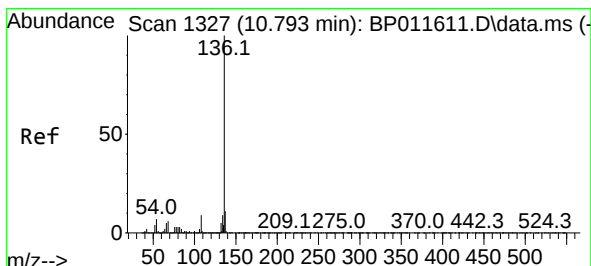
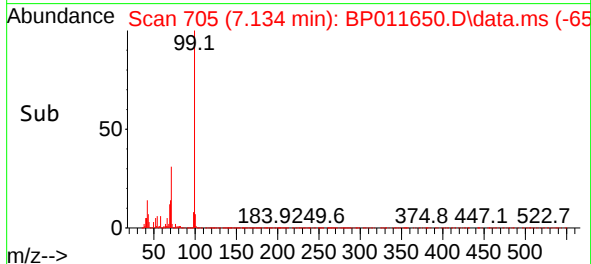
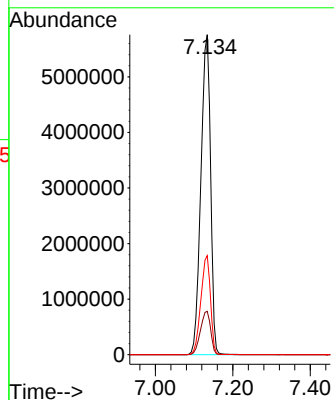
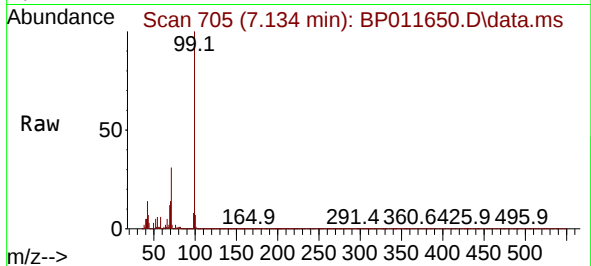




#7
Phenol-d6
Concen: 189.660 ng
RT: 7.134 min Scan# 705
Delta R.T. 0.006 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

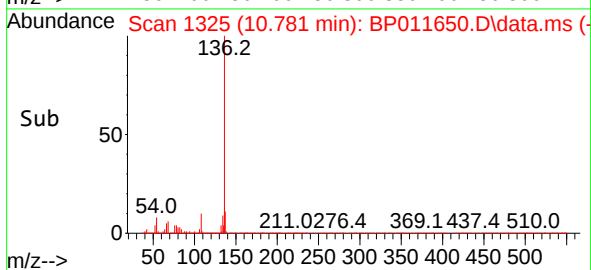
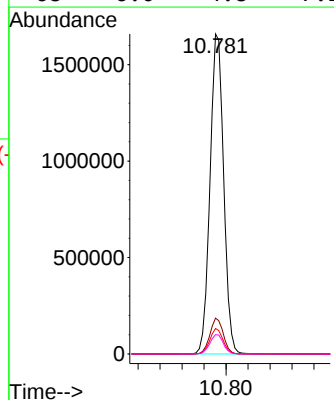
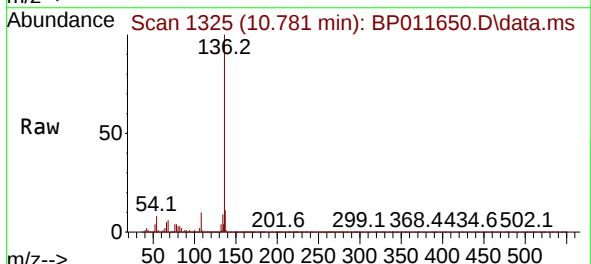
Instrument :
BNA_P
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SB-12-COMP

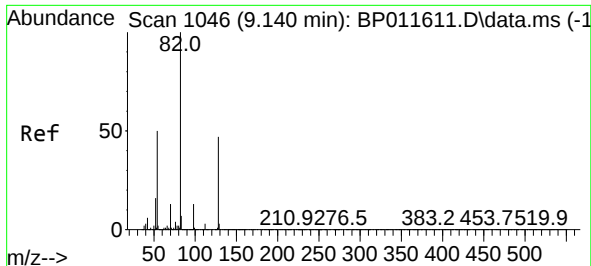
Tgt Ion: 99 Resp: 9980766
Ion Ratio Lower Upper
99 100
42 13.6 20.3 30.5#
71 31.0 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

Tgt Ion: 136 Resp: 2850811
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.9 8.7 13.1#
68 6.0 4.8 7.2

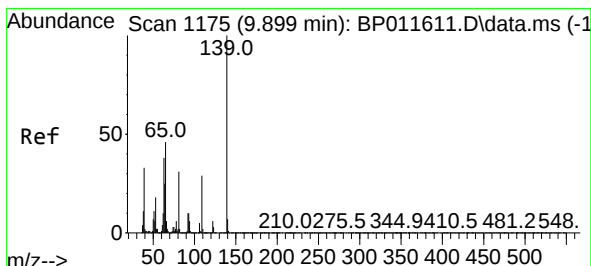
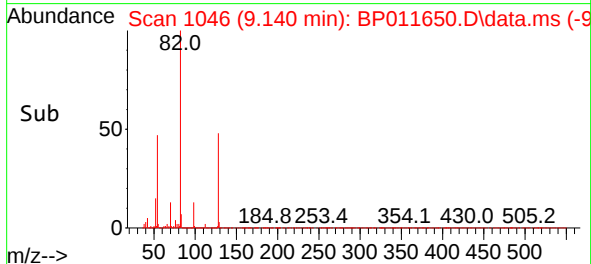
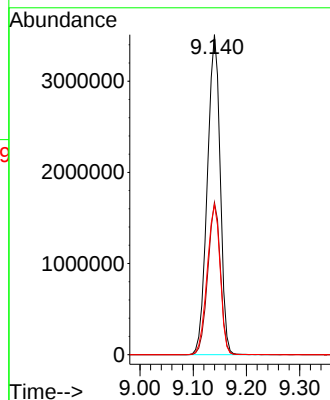
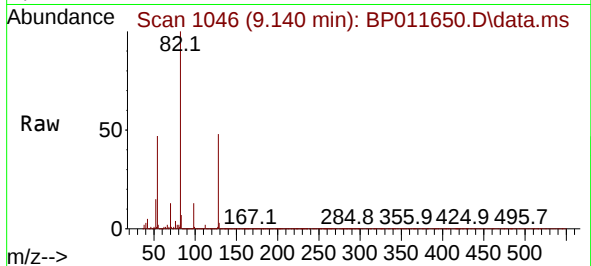




#23
Nitrobenzene-d5
Concen: 126.344 ng
RT: 9.140 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

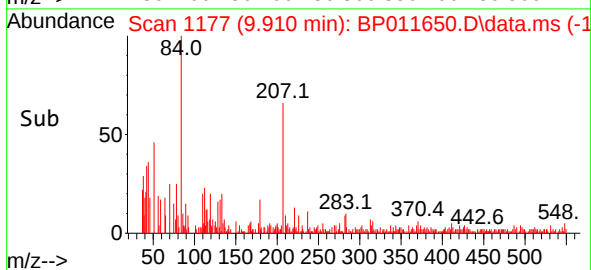
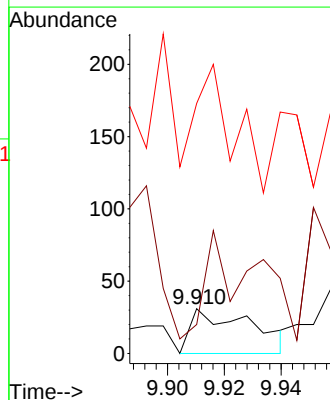
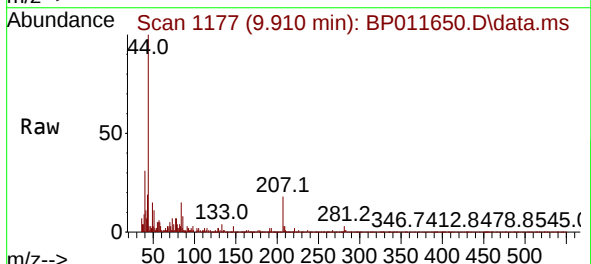
Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

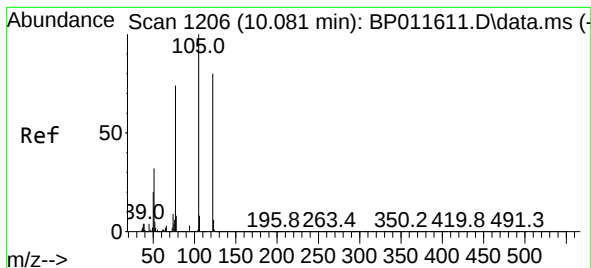
Tgt Ion: 82 Resp: 5867710
Ion Ratio Lower Upper
82 100
128 47.6 31.3 46.9#
54 46.9 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.892 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.011 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

Tgt Ion:139 Resp: 46
Ion Ratio Lower Upper
139 100
109 64.5 30.2 45.4#
65 558.1 52.2 78.2#





#32

Benzoic acid

Concen: 8.605 ng

RT: 10.081 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP011650.D

Acq: 07 Sep 2022 16:22

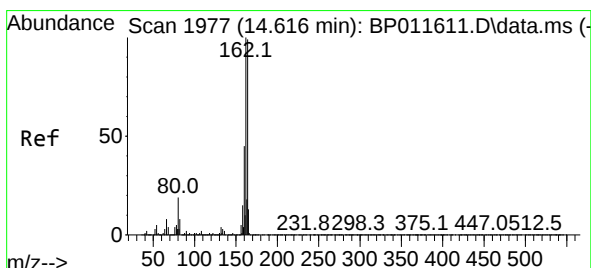
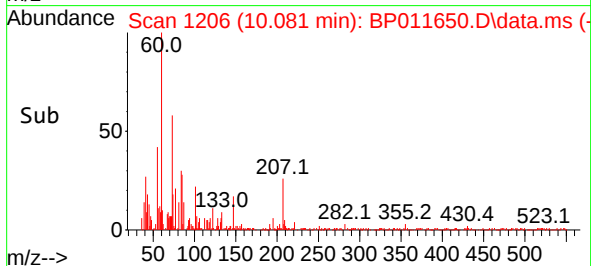
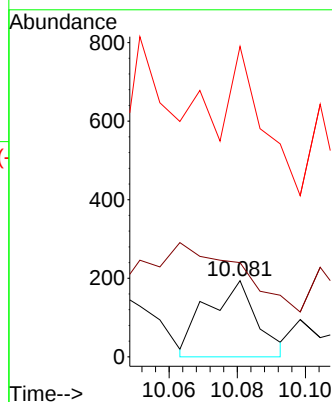
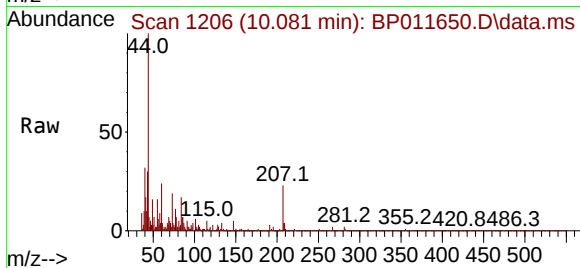
Instrument :

BNA_P

ClientSampleId :

SB-12-COMP

Tgt Ion:	122	Resp:	198
Ion	Ratio	Lower	Upper
122	100		
105	123.7	112.6	152.6
77	407.2	90.2	130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

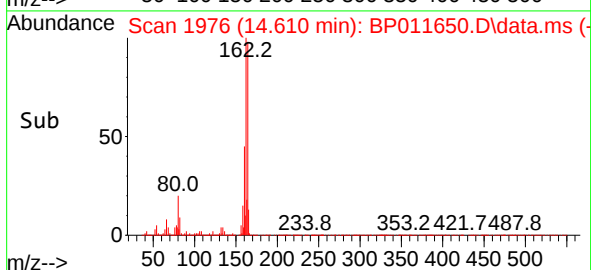
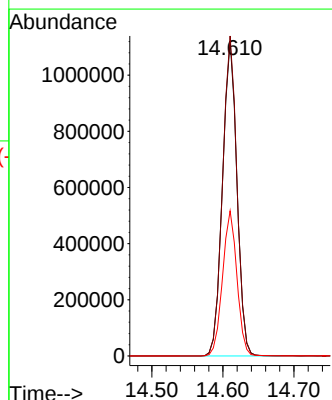
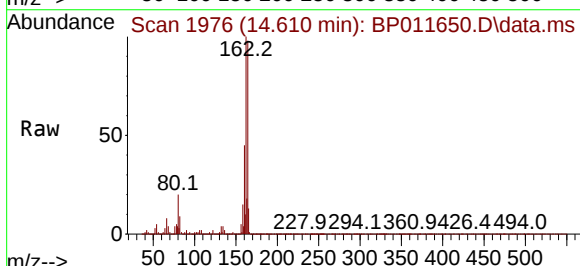
RT: 14.610 min Scan# 1976

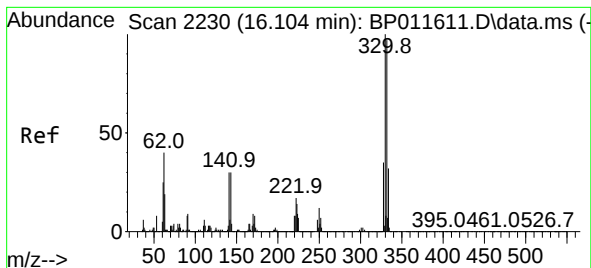
Delta R.T. -0.006 min

Lab File: BP011650.D

Acq: 07 Sep 2022 16:22

Tgt Ion:	164	Resp:	1575810
Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.9	122.9
160	46.0	34.6	51.8





#42

2,4,6-Tribromophenol

Concen: 163.084 ng

RT: 16.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011650.D

Acq: 07 Sep 2022 16:22

Instrument :

BNA_P

ClientSampleId :

SB-12-COMP

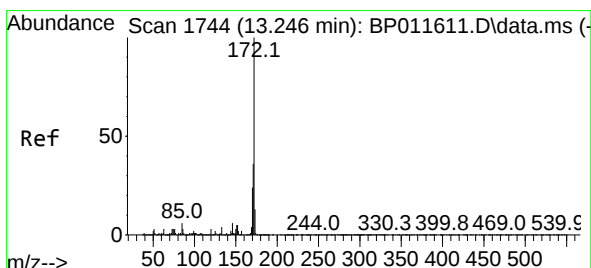
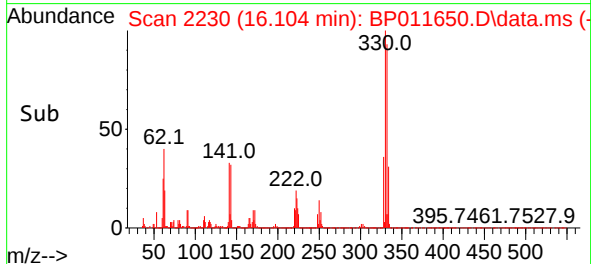
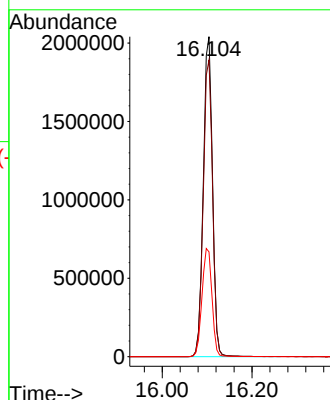
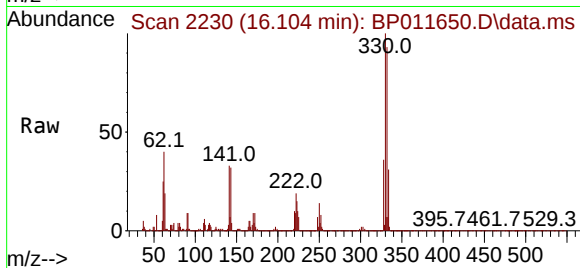
Tgt Ion:330 Resp: 2903588

Ion Ratio Lower Upper

330 100

332 94.0 78.1 117.1

141 36.6 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 110.858 ng

RT: 13.239 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BP011650.D

Acq: 07 Sep 2022 16:22

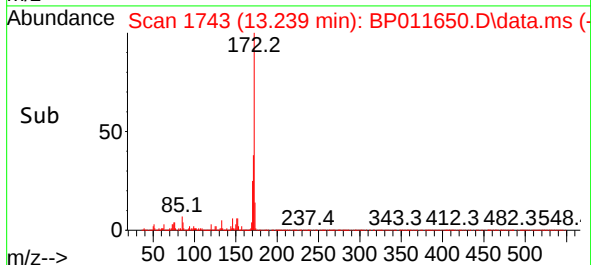
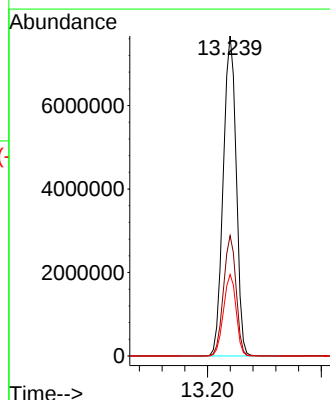
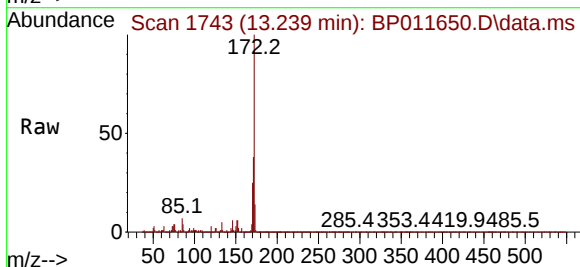
Tgt Ion:172 Resp:12216186

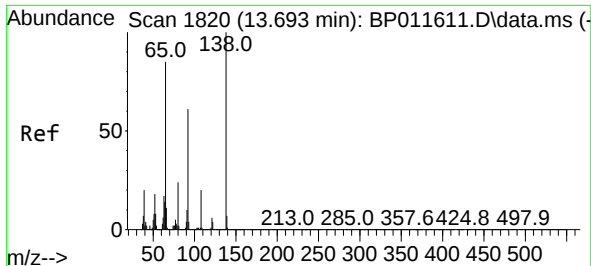
Ion Ratio Lower Upper

172 100

171 37.6 27.9 41.9

170 25.5 18.2 27.2

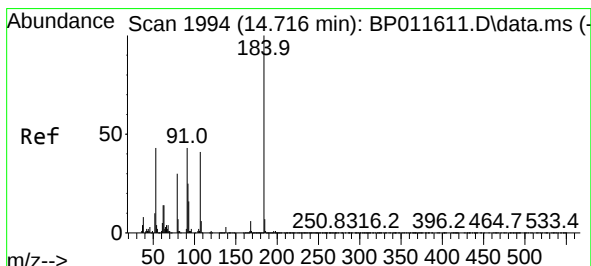
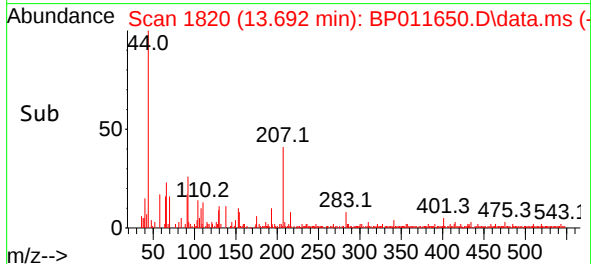
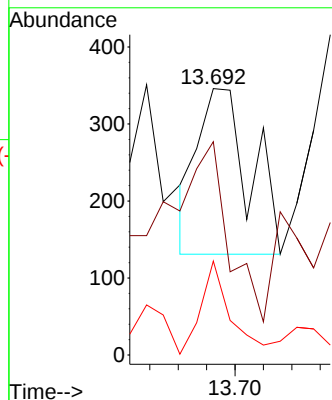
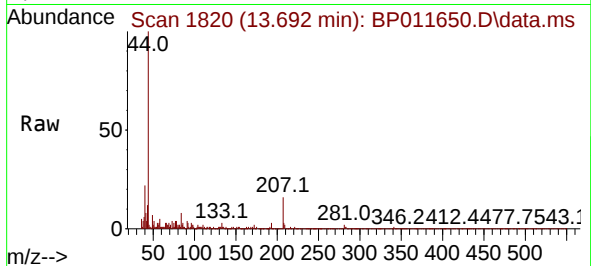




#48
2-Nitroaniline
Concen: 3.413 ng
RT: 13.692 min Scan# 1820
Delta R.T. -0.001 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

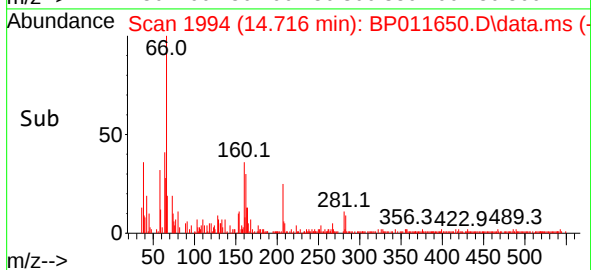
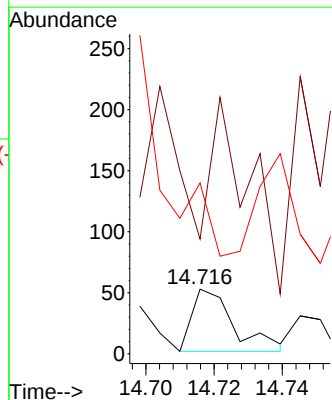
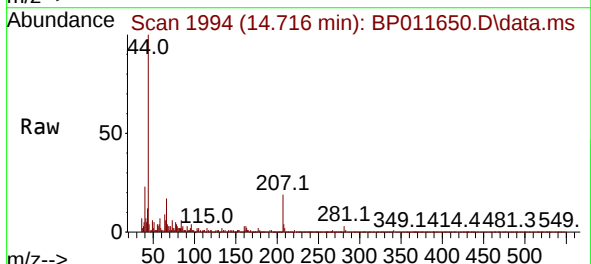
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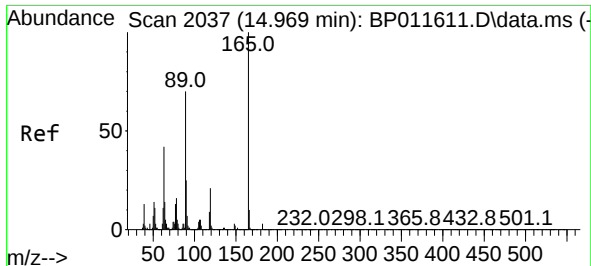
Tgt Ion: 65 Resp: 273
Ion Ratio Lower Upper
65 100
92 80.1 50.0 75.0#
138 35.3 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.456 ng
RT: 14.716 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

Tgt Ion: 184 Resp: 44
Ion Ratio Lower Upper
184 100
63 177.4 65.4 98.2#
154 264.2 55.4 83.2#

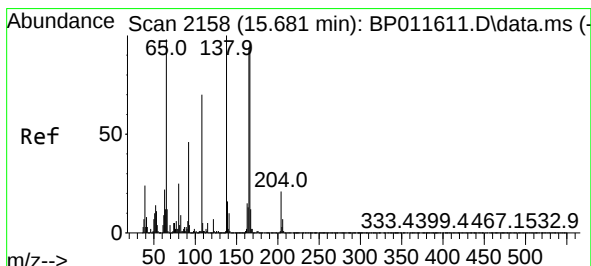
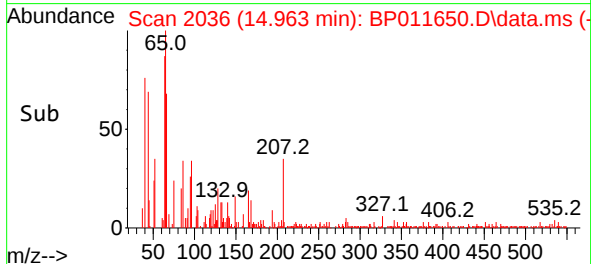
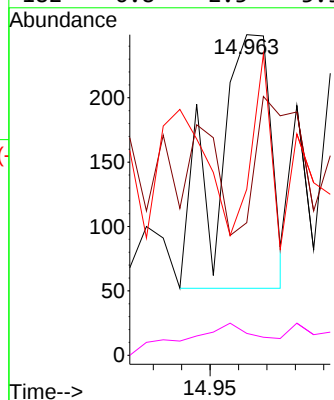
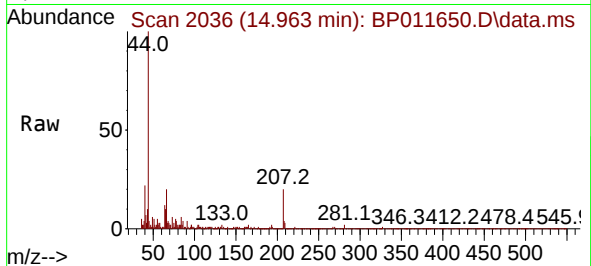




#57
2,4-Dinitrotoluene
Concen: 3.651 ng
RT: 14.963 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

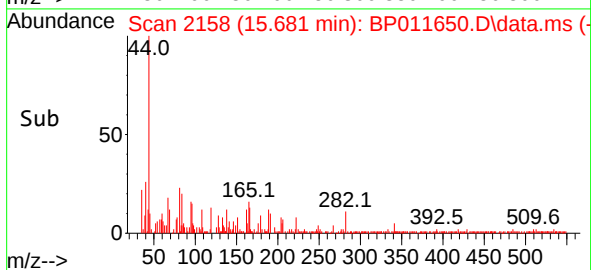
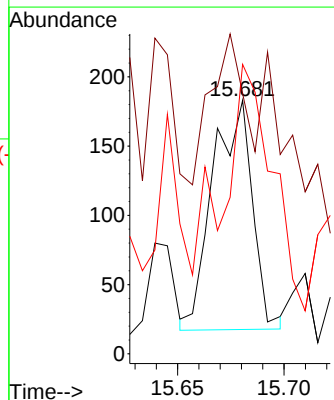
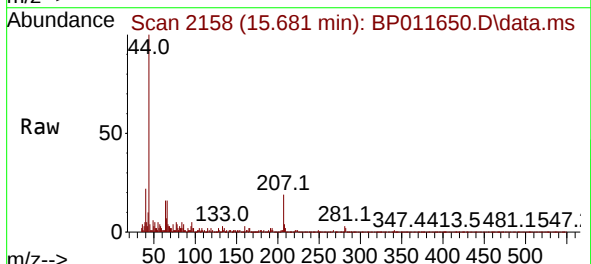
Instrument :
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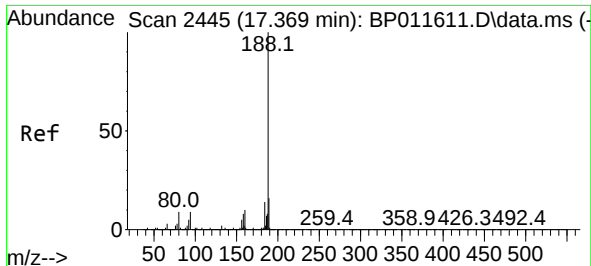
Tgt Ion:165 Resp: 260
Ion Ratio Lower Upper
165 100
63 41.4 46.2 69.2#
89 51.8 65.8 98.8#
182 6.8 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.652 ng
RT: 15.681 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

Tgt Ion:138 Resp: 214
Ion Ratio Lower Upper
138 100
92 102.7 38.0 78.0#
108 114.2 77.6 117.6

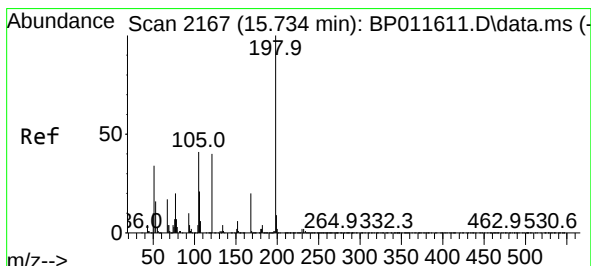
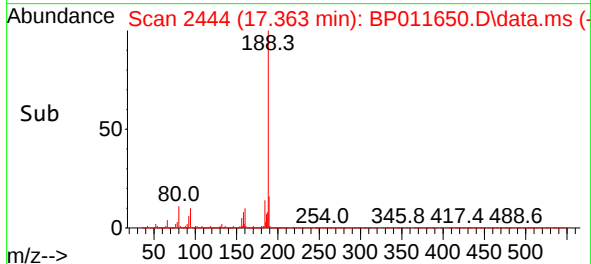
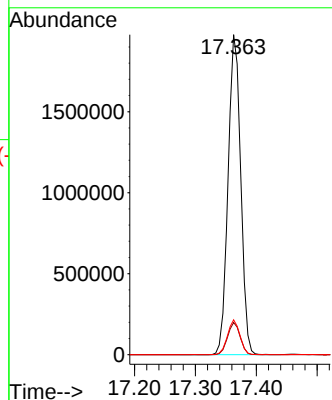
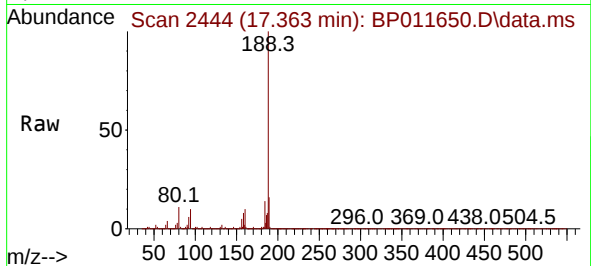




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

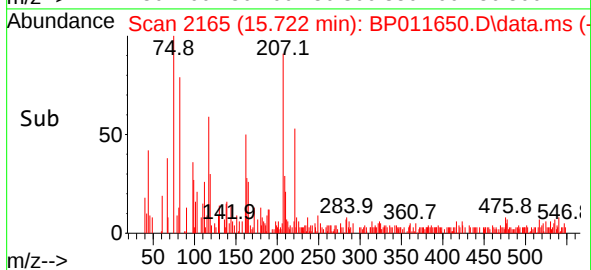
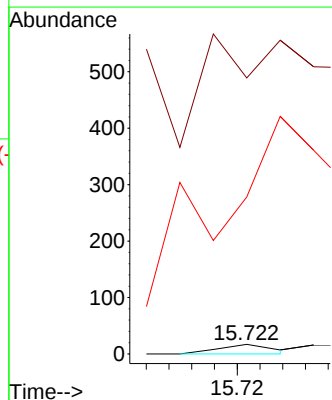
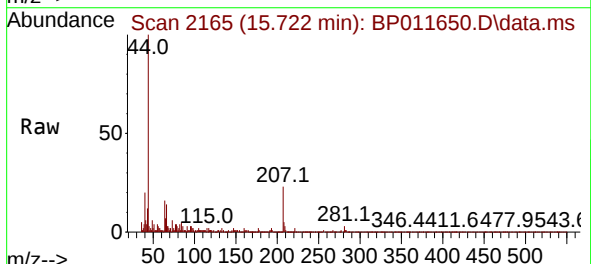
Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

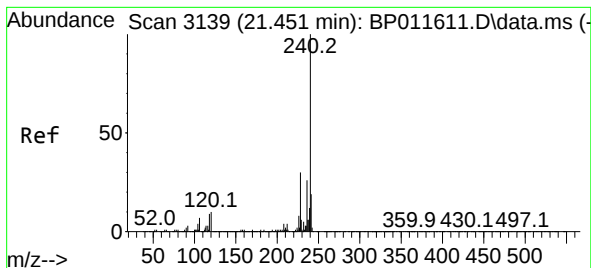
Tgt Ion:188 Resp: 2848792
Ion Ratio Lower Upper
188 100
94 10.0 6.6 10.0#
80 10.9 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.890 ng
RT: 15.722 min Scan# 2165
Delta R.T. -0.012 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 2876.5 41.2 81.2#
105 1635.3 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011650.D

Acq: 07 Sep 2022 16:22

Instrument :

BNA_P

ClientSampleId :

SB-12-COMP

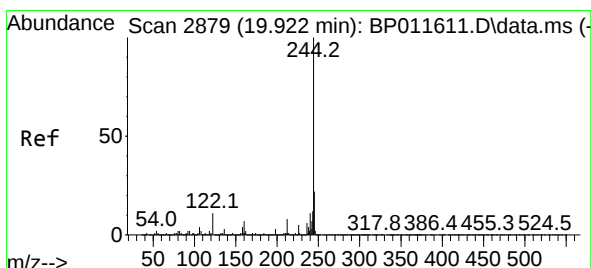
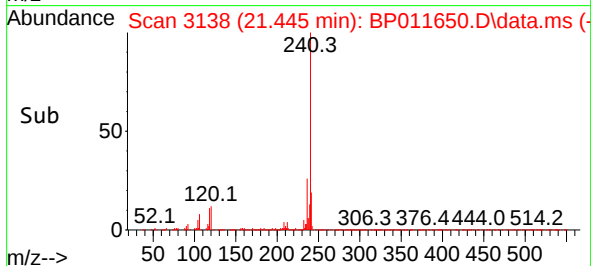
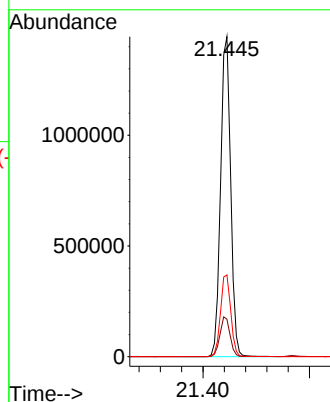
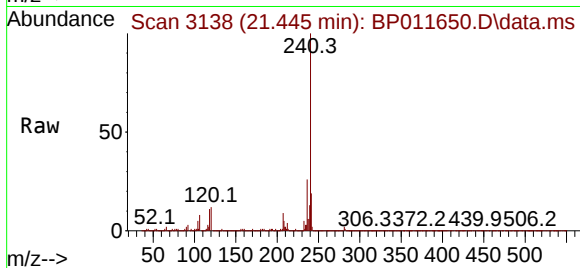
Tgt Ion:240 Resp: 1889345

Ion Ratio Lower Upper

240 100

120 11.7 8.6 12.8

236 25.6 19.8 29.6



#79

Terphenyl-d14

Concen: 134.134 ng

RT: 19.916 min Scan# 2878

Delta R.T. -0.006 min

Lab File: BP011650.D

Acq: 07 Sep 2022 16:22

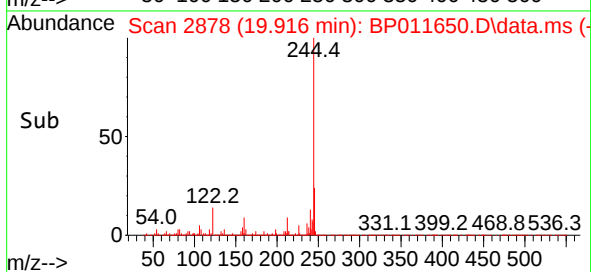
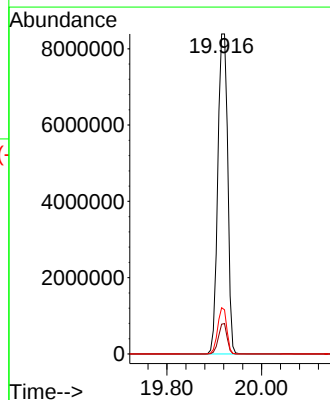
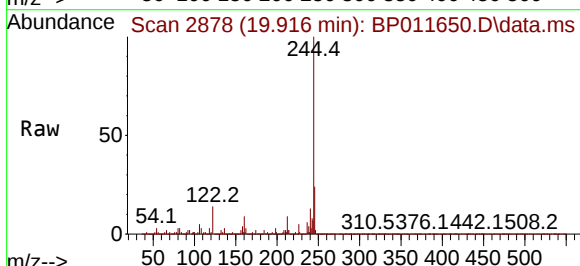
Tgt Ion:244 Resp:12099591

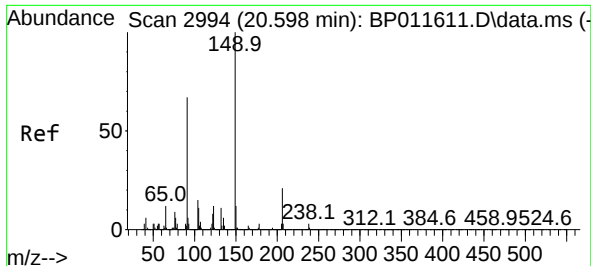
Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

122 14.5 7.6 11.4#

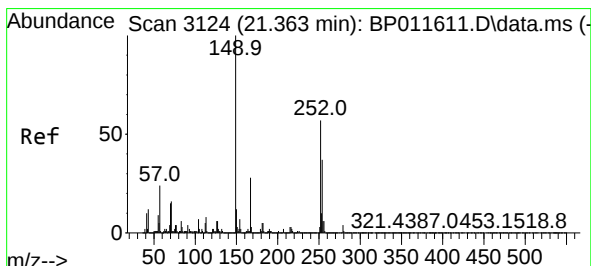
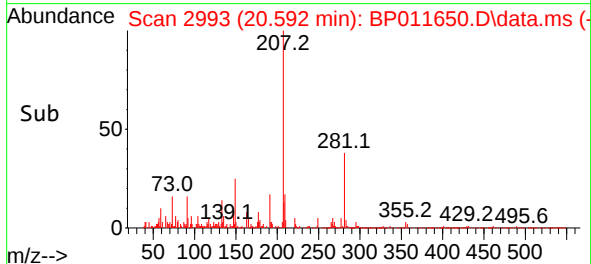
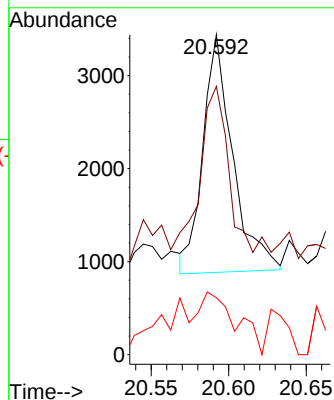
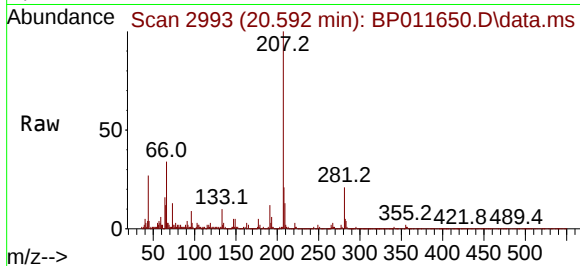




#80
 Butylbenzylphthalate
 Concen: 3.774 ng
 RT: 20.592 min Scan# 2993
 Delta R.T. -0.006 min
 Lab File: BP011650.D
 Acq: 07 Sep 2022 16:22

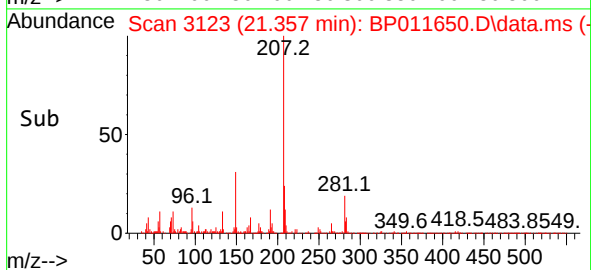
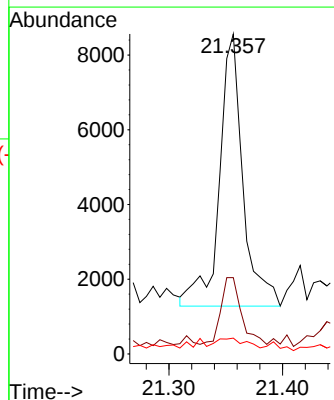
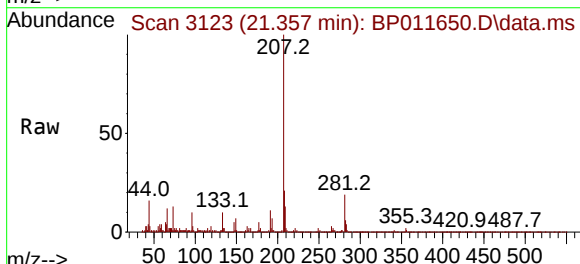
Instrument :
 BNA_P
 ClientSampleId :
 SB-12-COMP

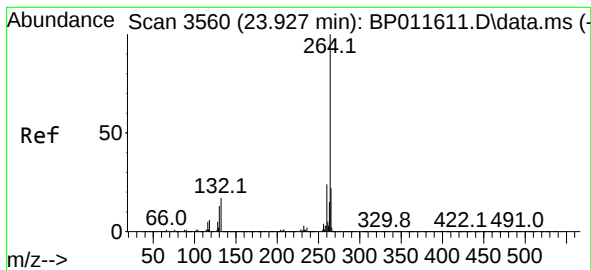
Tgt Ion:149 Resp: 3421
 Ion Ratio Lower Upper
 149 100
 91 83.8 62.5 93.7
 206 17.8 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.030 ng
 RT: 21.357 min Scan# 3123
 Delta R.T. -0.006 min
 Lab File: BP011650.D
 Acq: 07 Sep 2022 16:22

Tgt Ion:149 Resp: 10491
 Ion Ratio Lower Upper
 149 100
 167 23.9 21.8 32.8
 279 5.0 3.7 5.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.915 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011650.D
Acq: 07 Sep 2022 16:22

Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

Tgt Ion:264 Resp: 1482007

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.5	18.0	27.0

